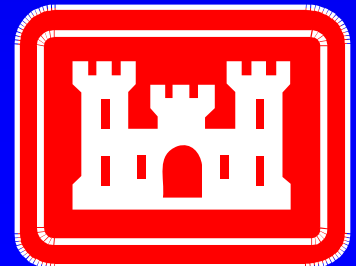


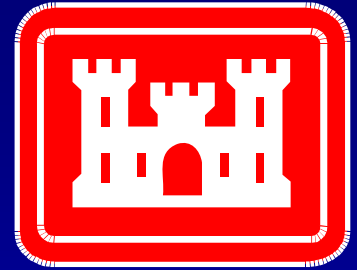
# **Regional Sediment Management The Future for Sediment Management**

**Regional Sediment Management Workshop  
New York City  
12 April 2005**

**Mike White, Chief of Operations  
Corps of Engineers**

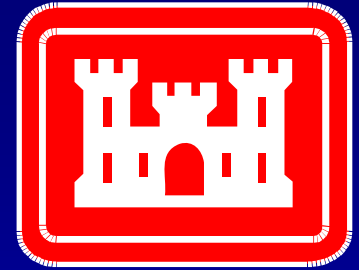


# A Time of Change

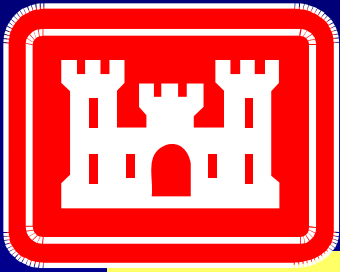


- **Post 9-11**
- **War time budgets**
- **Aging infrastructure**
- **Increasing environmental & regulatory impact**
- **Reliability increasingly critical to business success**
- **Infrastructure not a national priority**

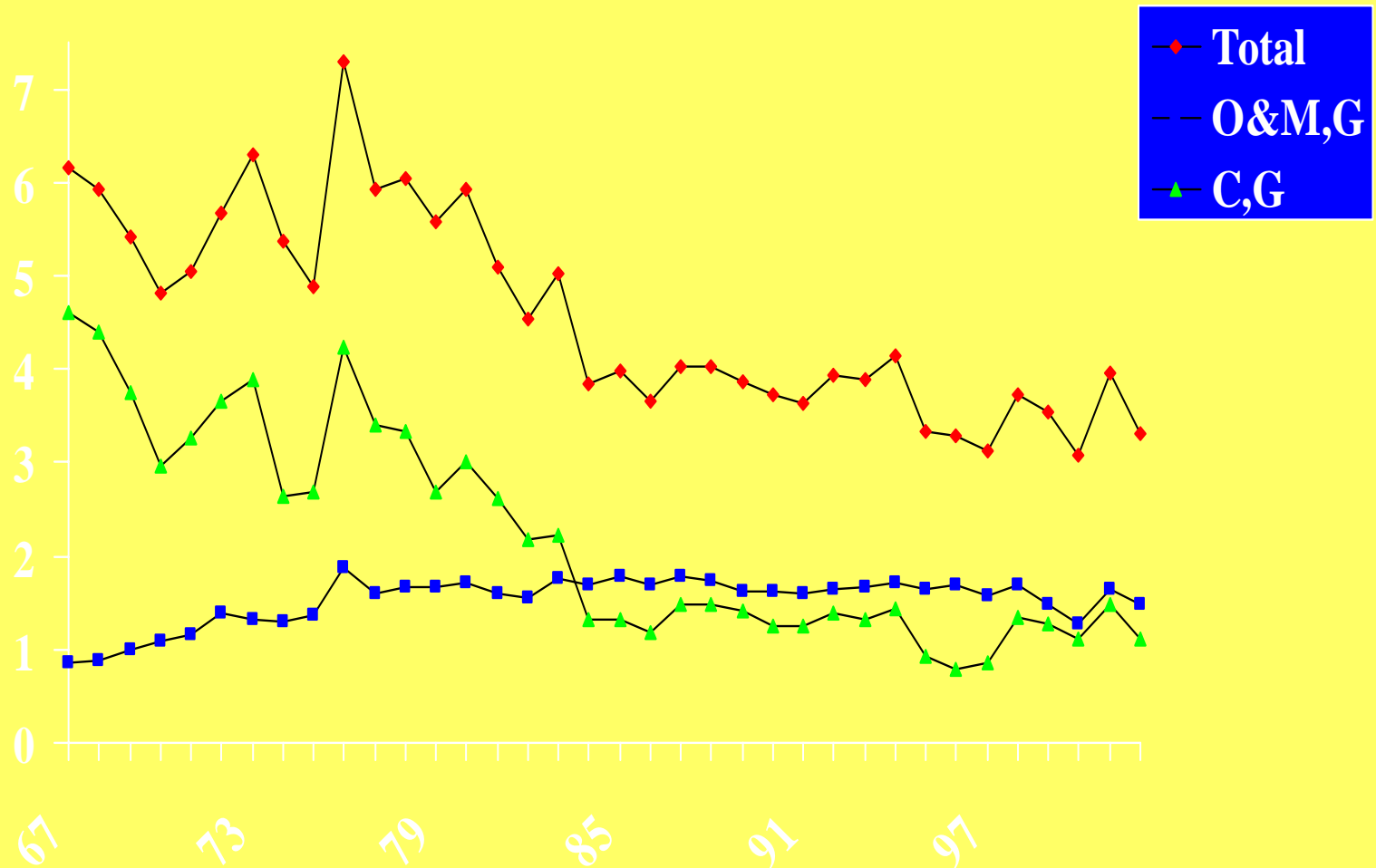
# A Changing Corps

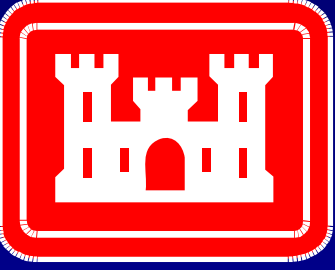


- **Performance Based Budgeting**
- **Watershed or systems approach part of Strategic Plan**
- **A focus on risk & reliability**
- **vertical integration from district to HQUSACE (2012)**
- **Enhancing relationships & building strategic alliances**
- **Greater interagency cooperation**



# CIVIL APPROPRIATIONS CONSTANT DOLLARS (FY 95)





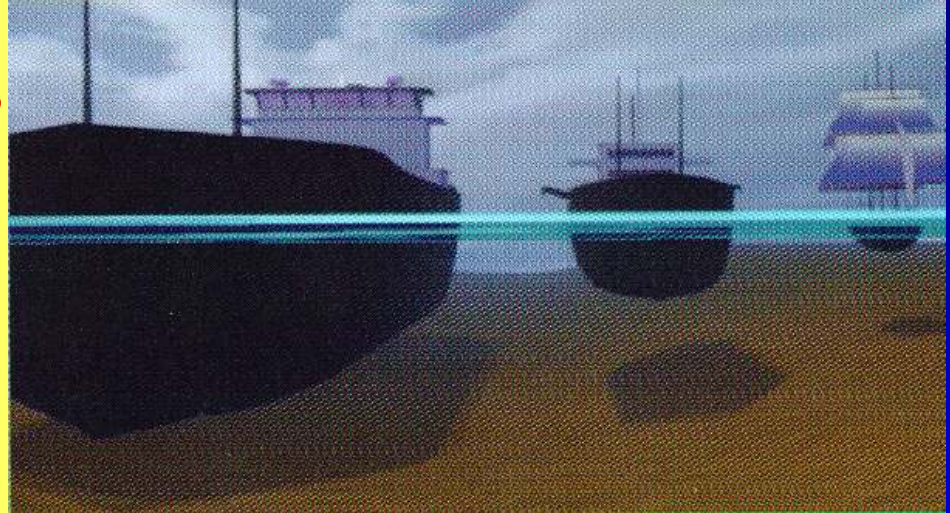
# BUDGET HISTORY

(Dollars in Millions)

<b>TITLE</b>	<b>FY 04 Exp</b>	<b>FY 05 Bud</b>	<b>FY 05 Appro</b>	<b>FY 06 Bud</b>
<b>GI</b>	<b>131</b>	<b>90</b>	<b>144.5</b>	<b>95</b>
<b>CG</b>	<b>1,741</b>	<b>1,437</b>	<b>1,796.1</b>	<b>1,637</b>
<b>O&amp;M</b>	<b>2,128</b>	<b>1,934</b>	<b>1,959.1</b>	<b>1,979</b>
<b>MR&amp;T</b>	<b>317</b>	<b>270</b>	<b>324.5</b>	<b>270</b>
<b>REG</b>	<b>143</b>	<b>150</b>	<b>145</b>	<b>160</b>
<b>GE</b>	<b>160</b>	<b>167</b>	<b>167</b>	<b>162</b>
<b>FUSRAP</b>	<b>140</b>	<b>140</b>	<b>165</b>	<b>140</b>
<b>FCCE</b>	<b>52</b>	<b>50</b>	<b>0</b>	<b>70</b>
<b>ASA(CW)</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>
<b>TOTAL</b>	<b>4,812</b>	<b>4,238</b>	<b>4,705.2</b>	<b>4, 513</b>

# Navigation Outlook

- Shipment of goods in America, for domestic and foreign trade, will increase
- Rail and roads can not carry the increased tonnages
- There will be more transshipment, and use of our inland and intracoastal waterways
- There will be container on barge operations
- Long delay times for lockages will not be acceptable

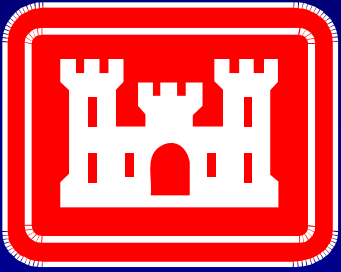




# Navigation Outlook (continued)

- We will treat dredged material as a resource and manage it for beneficial uses
- We will focus on regional and watershed management of sediments
- Environmental sustainability will be an integral part of our planning, operations and maintenance activities
- Proactive management tools must be developed



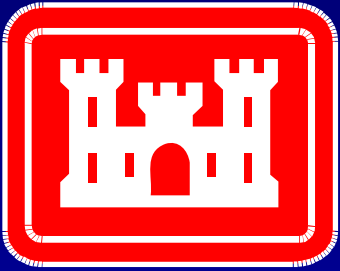


# Importance of RSM

- **Economic benefits**
- **Environmental benefits**
- **Operational benefits**
- **Building relationships**
- **Strategic expertise**

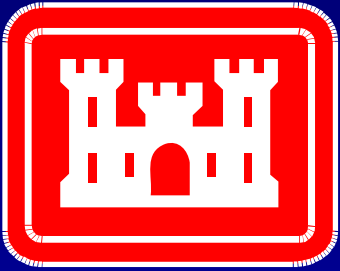
**NAD's RSM PDT is a step in the right direction**





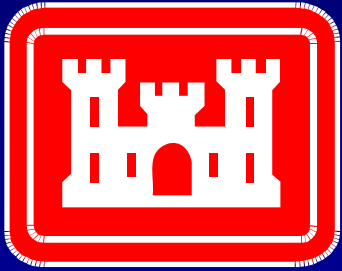
# **Today's Issues for RSM**

- **Continued investments in R&D**
- **Applying the systems approach to sediment management**
- **Building a capability within the Corps for managing sediments**
- **Re-look @ our policy and business processes on beneficial use**
  - **Impact of Section 2012 of the draft WRDA Bill**
- **Tying RSM into our budget development process**
- **How best to partner to execute RSM**



# Observations from the Ops Chair

- We deal with projects but we need to address RSM as part of the watershed approach
- Our policy doesn't properly value sediment as a resource
- What should be our driving motivation ?
  - ❖ Costs
  - ❖ Economic benefits
  - ❖ Environmental benefits
  - ❖ Multiple beneficiaries
  - ❖ All of the above
- We need an investment strategy for RSM in the Corps
- Unsure as to whether we are aligned ERDC, IWR, HQ, Field

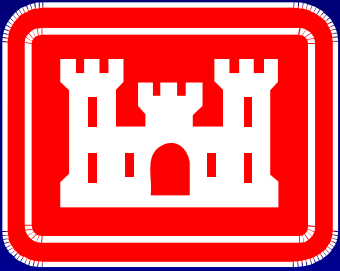


# WRDA

*The Secretary may select, with the consent of the non-Federal interest, a disposal method that is not the least cost option if the Secretary determines that the incremental costs of the disposal method are reasonable in relation to the environmental benefits, including the benefits to the aquatic environment to be derived from the creation of wetlands and control of shoreline erosion.*

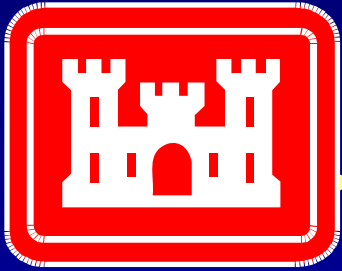
## *Priorities:*

- *Fire Island Inlet, NY*
- *Delaware River Estuary, NJ & PA*



# Observations from the Ops Chair

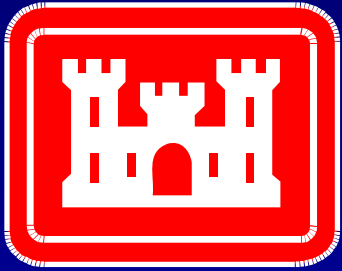
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# The Way Ahead

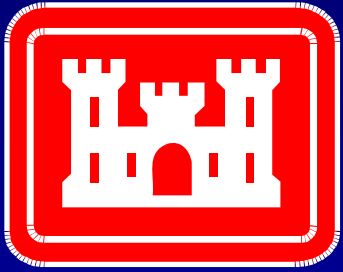
**•Emphasize Data acquisition and management**

- Coastal mapping**
- Continue to support development of tools**
  - Models for watershed & regional effects**
- Broaden Corps Partnerships on RSM**
- Build strong RSM Teams**
- Effectively use Regional and National Dredging Teams**
- Ensure RSM tied into budget development process effectively [enactment of WRDA big step forward]**
- Include RSM within CW strategic plan**



## End State

**The Corps working cooperatively with partners to invest in RSM to better understand with greater predictability sediment transport to effectively manage this valuable resource in solving water resources problems in cost effective ways.**



**I look forward to  
the Dialogue**